

STREPTOPOGON JUAREZII N. SP.
and
TREMATODON NORRISII N. SP.*

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Streptopogon juarezii sp. nov.

Distinguitur ex ovatis, levibus aristatis foliis quae leves margines habent et quae gemmis carent et quae cellulas marginis quadratis inconspicuas habent.

This new species is distinguished by having elliptically ovate, smooth, entire, aristate leaves without gemmae. The sporophyte with an oblong tubular immersed capsule with a short (± 1 mm) seta and a peristome of a high, hyaline basal membrane and 16 slender, perforate, papillose teeth. Autoicous.

TYPE: Sobre un tronco humedo. 21 km al oeste de Xalapa, Veracruz, Mexico. 1700 m elevacion. Coll. L. Gil Juárez G., No. 627, 20 VII 1976 (type, TENN; isotype, INIREB).

Trematodon norrisii sp. nov.

Distinguitur ex parvitate, ex foliis anguste lanceolatis, ex costa percurrente, et ex perfragilibus angustis dentibus peristomatos.

Distinguished from other small species of Trematodon by the narrowly lanceolate (1-2 mm) leaves with percurrent costae; capsules 2 mm in length, abruptly narrowed to slender hypophyses, and with thin, \pm diaphanous walls; teeth slender, very fragile, 200-250 μ ; spores 25-30 μ , prominently papillose.

TYPE: Moist, diffusely lit soil bank in dense tropical sub-deciduous forest along road to Puerto Vallarta about 4 miles north of San Juan Caxtla, Municipio Compostela, Nayarit, Mexico. Coll. D. H. Norris & D. J. Taranto, No. 13641, 24 July 1970 (type, TENN; isotype, HSC).

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